

ifw

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112461-016

In Re Application Of: **Joanne Y. H. Kwak-Kim et al.**

Serial No.
10/651,690

Filing Date
August 28, 2003

Examiner

Group Art Unit
3736

Title:

DIAGNOSIS AND TREATMENT OF INFERTILITY

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
112461-016

In Re Application: Joanne Y. H. Kwak-Kim et al.

Serial No.

10/651,690

Filing Date

August 28, 2003

Examiner

Group Art Unit

3736

DIAGNOSIS AND TREATMENT OF INFERTILITY

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on May 17, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Signature of Person Mailing Correspondence

Renee Street

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account

Signature

Dated: 5/17/04

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joanne Y. H. Kwak-Kim, et al.
Appl. No.: 10/651,690
Conf. No.: 9043
Filed: August 28, 2003
Title: Diagnosis and Treatment of Infertility
Art Unit: 3736
Examiner: ---
Docket No.: 112461-016

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form, be made during the course of examination of the above-identified application for United States patent. Pursuant to the Official Gazette Notice dated August 5, 2003, copies of the cited U.S. patents and patent applications are not included as this application was filed after June 30, 2003. However, copies of all other cited references are included with this form.

U.S. PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Inventor</u>
None		

FOREIGN PATENT DOCUMENTS

<u>Document No.</u>	<u>Date</u>	<u>Country</u>
None		

OTHER DOCUMENTS

Abe N, Katamura K, Shintaku N, et al. Prostaglandin E2 and IL-4 provide naïve CD4+ T cells with distinct inhibitory signals for the priming of IFN- γ production. *Cell Immunol.* 1997; 181:86-92.

Arck PC, Troutt AB, Clark DA. Soluble receptors neutralizing TNF-alpha and IL-1 block stress-triggered murine abortion. *Am. J. Reprod. Immunol.* 1997; 37(3):262-66.

Brunet JF, Denizot F, Luciani MF, Roux-Dosseto M, Suzan M, Mattei MG, Golstein P. A new member of the immunoglobulin superfamily--CTLA-4. *Nature* 1987; 328(6127):267-70.

Chaouat G, Menu E, Clark DA, Dy M, Minkowski M, Wegmann TG. Control of fetal survival in CBA x DBA/2 mice by lymphokine therapy. *J. Reprod. Fertil.* 1990; 89(2):447-58.

Cheong YC, Shelton JB, Laird SM, et al. IL-1, IL-6 and TNF- α concentrations in the peritoneal fluid of women with pelvic adhesions. *Hum. Reprod.* 2002; 17(1):69-75.

Cianci A, Calogero AE, Palumbo MA, et al. Relationship between tumor necrosis factor alpha and sex steroid concentrations in the follicular fluid of women with immunological infertility. *Hum. Reprod.* 1996; 11(2):265-68.

Clark DA, Chaouat G, Arck PC, Mittrucker HW, Levy GA. Cytokine-dependent abortion in CBA x DBA/2 mice is mediated by the procoagulant fgl2 prothrombinase. *J. Immunol.* 1998; 160(2):545-49.

Clark DA, Croitoru K. TH1 TH2.3 imbalance due to cytokine-producing NK, gamma delta T and NK-gamma delta T cells in murine pregnancy decidua in success or failure of pregnancy. *Am. J. Reprod. Immunol.* 2001; 45: 257-65.

Curtis P, Lindsay P, Jackson AE, Shaw RW. Adverse effects on sperm movement characteristics in women with minimal and mild endometriosis. *Br. J. Obstet. Gynaecol.* 1993; 100(2):165-69.

Del Prete G, De Carli M, Lammel RM, D'Elios MM, Daniel KC, Giusti B, Abbate R, Romagnani S. Th1 and Th2 T-helper cells exert opposite regulatory effects on procoagulant activity and tissue factor production by human monocytes. *Blood* 1995; 86(1):250-57.

Gafter U, Sredni B, Segal J, Kalechman Y. Suppressed cell-mediated immunity and monocyte and natural killer cell activity following allogeneic immunization of women with spontaneous recurrent abortion. *J. Clin. Immunol.* 1997; 17(5):408-19.

Gucer F, Balkanli-Kaplin P, Tuksel M, Sayin NC, Tuce MA, Yardim T. Maternal serum levels of tumor necrosis factor-alpha and interleukin-2 receptor in threatened abortion: a comparison with normal and pathologic pregnancies. *Fertile Steril.* 2001; 76(4):707-11.

Hutloff A, Dittrich AM, Beier KC, Eliaschewitsch B, Kraft R, Anagnostopoulos I, Kroczeck RA. ICOS is an inducible T-cell co-stimulator structurally and functionally related to CD28. *Nature* 1999; 397(6716):263-66.

Iwabe T, Harada T, Terakawa N. Role of cytokines in endometriosis-associated infertility. *Gynecol Obstet Invest.* 2002; 1:19-25.

Jenkins MK, Schwartz RH. Antigen presentation by chemically modified splenocytes induces antigen-specific T cell unresponsiveness in vitro and in vivo. *J. Exp. Med.* 1987; 165(2):302-19.

Jenkins MK, Ashwell JD, Schwartz RH. Allogeneic non-T spleen cells restore the responsiveness of normal T cell clones stimulated with antigen and chemically modified antigen-presenting cells. *J. Immunol.* 1988; 140(10):3324-30.

Klinman DM, Yi AK, Beaucage SL, Conover J, Krieg AM. CpG motifs present in bacteria DNA rapidly induce lymphocytes to secrete interleukin 6, interleukin 12, and interferon gamma. *Proc. Natl. Acad. Sci.* 1996; 93(7):2879-83.

Krieg AM, Yi AK, Matson S, Waldschmidt TJ, Bishop GA, Teasdale R, Koretzky GA, Klinman DM. CpG motifs in bacterial DNA trigger direct B-cell activation. *Nature* 1995; 374(6522):546-49.

Levran D, Mashiach S, Dor J, Levron J, Farhi J. Zygote intrafallopian transfer may improve pregnancy rate in patients with repeated failure of implantation. *Fertile Steril.* 1998; 69(1):26-30.

Lin H, Mosmann T, Guilbert L, Tuntipopipat S, Wegmann T. Synthesis of T helper 2-type cytokines at the maternal-fetal interface. *J. Immunol.* 1993; 151:4562-73.

Linsley PS, Brady W, Grosmaire L, Aruffo, A, Damle NK, Ledbetter JA. Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleukin 2 mRNA accumulation. *J. Exp. Med.* 1991; 173(3):721-30.

Marzi M, Vigano A, Trabattoni D. Characterization of type 1 and type 2 cytokine production profile in physiologic and pathologic human pregnancy. *Clin. Exp. Immunol.* 1996; 106:127-33.

McGee ZA, Clemens CM, Jensen RL, Klein JJ, Barley LR, Gorby GL. Local induction of tumor necrosis factor as a molecule mechanism of mucosal damage by gonococci. *Microb. Pathog.* 1992; 12(5):333-41.

Mellor AL, Munn DH. Immunology at the maternal-fetal interface: lessons for T cell tolerance and suppression. *Annu. Rev. Immunol.* 2000; 18:367-91.

Mosmann TR, Coffman RL. TH1 and TH2 cells: different patterns of lymphokine secretion lead to different functional properties. *Annu. Rev. Immunol.* 1989; 7:145-73.

Mosmann T, Sad S. The expanding universe of T-cell subsets. *Immunol. Today* 1996; 17:138-46.

Nickerson P, Steurer W, Steiger J, et al. Cytokines and the Th1/Th2 paradigm in transplantation. *Curr. Opin. Immunol.* 1994; 6:757-64.

Ng SC, Gilman-Sachs A, Thaker P, Beaman KD, Beer AE, Kwak-Kim J. Expression of intracellular Th1 and Th2 cytokines in women with recurrent spontaneous abortion, implantation failures after IVF/ET or normal pregnancies. *Am. J. Reprod. Immunol.* 2002; 48:77-86.

Piccinni MP, Giudizi MG, Biagiotti R, et al. Progesterone favors the development of human T helper cells producing Th2-type cytokines and promotes both IL-4 production and membrane CD30 expression in established Th1 cell clones. *J. Immunol.* 1995; 155:128-33.

Raghupathy R, Makhseed M, Azizieh F, Hassan N, Al-Azemi M, Al-Shamali E. Maternal Th1- and Th2-type reactivity to placental antigens in normal human pregnancy and unexplained recurrent spontaneous abortions. *Cell Immunol.* 1999; 196(2):122-30.

Raghupathy R, Makhseed M, Azizieh F, Omu A, Gupta M, Farhat R. Cytokine production by maternal lymphocytes during normal human pregnancy and in unexplained recurrent spontaneous abortion. *Hum. Reprod.* 2000; 15:713-18.

Reznikoff-Etievant MF, Durieux I, Lobet R, et al. Immunologic abortion and its treatment by immunotherapy. *Rev. Fr. Transfus. Immunohematol.* 1986; 29:135-48.

Romagnani P, Annunziano F, Piccinni M, Maggi E, Romagnani S. Th1 Th2 cells, their associated molecules and role in pathophysiology. *Eur. Cytokine Netw.* 2000; 11:510-11.

Romagnani S. The Th1/Th2 paradigm. *Immunol. Today* 1997; 18:263-66.

Savion S, Lepsky E, Orenstein H, Carp H, Shepshelovich J, Torchinsky A, Fein A, Toder V. Apoptosis in the uterus of mice with pregnancy loss. *Am. J. Reprod. Immunol.* 2002; 47(2):118-27.

Savion S, Zeldich E, Orenstein H, Shepshelovich J, Torchinsky A, Carp H, Toder V, and Fein A. Cytokine expression in the uterus of mice with pregnancy loss: effect of maternal immunopotential with GM-CSF. *Reproduction* 2002; 123(3):399-409.

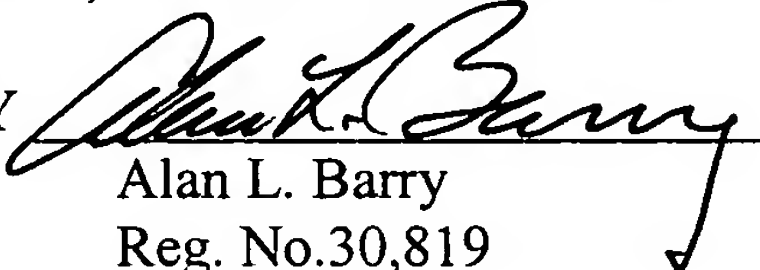
Sparwasser T, Koch EA, Vabulas RM, Heeg K, Lipford GB, Ellwart JW, Wagner H. Bacterial DNA and immunostimulatory CpG oligonucleotides trigger maturation and activation of murine dendritic cells. *Eur. J. Immunol.* 1998; 28(6):2045-54.

Yui J, Garcia-Lloret M, Wegmann TG, and Guilbert LJ. Cytotoxicity of tumour necrosis factor-alpha (TNF- α) and gamma-interferon (IFN- γ) against primary human placental trophoblasts. *Placenta* 1994; 15(8):819-35.

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

Alan L. Barry

Reg. No.30,819

P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (312) 807-4438

Dated: May 17, 2004

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) MAY 19 2004 PATENT & TRADEMARK OFFICE	Atty Docket No. 112461-016	Application No. 10/651,690
	Applicant Joanne Y. H. Kwak-Kim et al.	
	Filing Date August 28, 2003	Group 3736

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Publication Date	Inventor	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS								
Examiner's Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No

Examiner's Initials		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
		Abe N, Katamura K, Shintaku N, et al. Prostaglandin E2 and IL-4 provide naïve CD4+ T cells with distinct inhibitory signals for the priming of IFN- γ production. <i>Cell Immunol.</i> 1997; 181:86-92.
		Arck PC, Troutt AB, Clark DA. Soluble receptors neutralizing TNF-alpha and IL-1 block stress-triggered murine abortion. <i>Am. J. Reprod. Immunol.</i> 1997; 37(3):262-66.

Examiner:	Date Considered:
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112461-016	Application No. 10/651,690
	Applicant Joanne Y. H. Kwak-Kim et al.	
	Filing Date August 28, 2003	Group 3736

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Brunet JF, Denizot F, Luciani MF, Roux-Dosseto M, Suzan M, Mattei MG, Golstein P. A new member of the immunoglobulin superfamily--CTLA-4. <i>Nature</i> 1987; 328(6127):267-70.
	Chaouat G, Menu E, Clark DA, Dy M, Minkowski M, Wegmann TG. Control of fetal survival in CBA x DBA/2 mice by lymphokine therapy. <i>J. Reprod. Fertil.</i> 1990; 89(2):447-58.
	Cheong YC, Shelton JB, Laird SM, et al. IL-1, IL-6 and TNF- α concentrations in the peritoneal fluid of women with pelvic adhesions. <i>Hum. Reprod.</i> 2002; 17(1):69-75.
	Cianci A, Calogero AE, Palumbo MA, et al. Relationship between tumor necrosis factor alpha and sex steroid concentrations in the follicular fluid of women with immunological infertility. <i>Hum. Reprod.</i> 1996; 11(2):265-68.
	Clark DA, Chaouat G, Arck PC, Mittrucker HW, Levy GA. Cytokine-dependent abortion in CBA x DBA/2 mice is mediated by the procoagulant fgl2 prothrombinase. <i>J. Immunol.</i> 1998; 160(2):545-49.
	Clark DA, Croitoru K. TH1 TH2.3 imbalance due to cytokine-producing NK, gamma delta T and NK-gamma delta T cells in murine pregnancy decidua in success or failure of pregnancy. <i>Am. J. Reprod. Immunol.</i> 2001; 45: 257-65.
	Curtis P, Lindsay P, Jackson AE, Shaw RW. Adverse effects on sperm movement characteristics in women with minimal and mild endometriosis. <i>Br. J. Obstet. Gynaecol.</i> 1993; 100(2):165-69.
	Del Prete G, De Carli M, Lammell RM, D'Elis MM, Daniel KC, Giusti B, Abbate R, Romagnani S. Th1 and Th2 T-helper cells exert opposite regulatory effects on procoagulant activity and tissue factor production by human monocytes. <i>Blood</i> 1995; 86(1):250-57.
	Gafter U, Sredni B, Segal J, Kalechman Y. Suppressed cell-mediated immunity and monocyte and natural killer cell activity following allogeneic immunization of women with spontaneous recurrent abortion. <i>J. Clin. Immunol.</i> 1997; 17(5):408-19.
	Gucer F, Balkanli-Kaplan P, Tuksel M, Sayin NC, Tuce MA, Yardim T. Maternal serum levels of tumor necrosis factor-alpha and interleukin-2 receptor in threatened abortion: a comparison with normal and pathologic pregnancies. <i>Fertile Steril.</i> 2001; 76(4):707-11.
	Hutloff A, Dittrich AM, Beier KC, Eliaschewitsch B, Kraft R, Anagnostopoulos I, Kroczeck RA. ICOS is an inducible T-cell co-stimulator structurally and functionally related to CD28. <i>Nature</i> 1999; 397(6716):263-66.
	Iwabe T, Harada T, Terakawa N. Role of cytokines in endometriosis-associated infertility. <i>Gynecol Obstet Invest.</i> 2002; 1:19-25.

Examiner:	Date Considered:
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112461-016	Application No. 10/651,690
	Applicant Joanne Y. H. Kwak-Kim et al.	
	Filing Date August 28, 2003	Group 3736

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Jenkins MK, Schwartz RH. Antigen presentation by chemically modified splenocytes induces antigen-specific T cell unresponsiveness in vitro and in vivo. <i>J. Exp. Med.</i> 1987; 165(2):302-19.
	Jenkins MK, Ashwell JD, Schwartz RH. Allogeneic non-T spleen cells restore the responsiveness of normal T cell clones stimulated with antigen and chemically modified antigen-presenting cells. <i>J. Immunol.</i> 1988; 140(10):3324-30.
	Klinman DM, Yi AK, Beaucage SL, Conover J, Krieg AM. CpG motifs present in bacteria DNA rapidly induce lymphocytes to secrete interleukin 6, interleukin 12, and interferon gamma. <i>Proc. Natl. Acad. Sci.</i> 1996; 93(7):2879-83.
	Kreig AM, Yi AK, Matson S, Waldschmidt TJ, Bishop GA, Teasdale R, Koretzky GA, Klinman DM. CpG motifs in bacterial DNA trigger direct B-cell activation. <i>Nature</i> 1995; 374(6522):546-49.
	Levrin D, Mashiach S, Dor J, Levron J, Farhi J. Zygote intrafallopian transfer may improve pregnancy rate in patients with repeated failure of implantation. <i>Fertile Steril.</i> 1998; 69(1):26-30.
	Lin H, Mosmann T, Guilbert L, Tuntipopipat S, Wegmann T. Synthesis of T helper 2-type cytokines at the maternal-fetal interface. <i>J. Immunol.</i> 1993; 151:4562-73.
	Linsley PS, Brady W, Grosmaire L, Aruffo, A, Damle NK, Ledbetter JA. Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleukin 2 mRNA accumulation. <i>J. Exp. Med.</i> 1991; 173(3):721-30.
	Marzi M, Vigano A, Trabattoni D. Characterization of type 1 and type 2 cytokine production profile in physiologic and pathologic human pregnancy. <i>Clin. Exp. Immunol.</i> 1996; 106:127-33.
	McGee ZA, Clemens CM, Jensen RL, Klein JJ, Barley LR, Gorby GL. Local induction of tumor necrosis factor as a molecule mechanism of mucosal damage by gonococci. <i>Microb. Pathog.</i> 1992; 12(5):333-41.
	Mellor AL, Munn DH. Immunology at the maternal-fetal interface: lessons for T cell tolerance and suppression. <i>Annu. Rev. Immunol.</i> 2000; 18:367-91.
	Mosmann TR, Coffman RL. TH1 and TH2 cells: different patterns of lymphokine secretion lead to different functional properties. <i>Annu. Rev. Immunol.</i> 1989; 7:145-73.
	Mosmann T, Sad S. The expanding universe of T-cell subsets. <i>Immunol. Today</i> 1996; 17:138-46.

Examiner:	Date Considered:
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 112461-016	Application No. 10/651,690
	Applicant Joanne Y. H. Kwak-Kim et al.	
	Filing Date August 28, 2003	Group 3736

Examiner's Initials	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Nickerson P, Steurer W, Steiger J, et al. Cytokines and the Th1/Th2 paradigm in transplantation. <i>Curr. Opin. Immunol.</i> 1994; 6:757-64.
	Ng SC, Gilman-Sachs A, Thaker P, Beaman KD, Beer AE, Kwak-Kim J. Expression of intracellular Th1 and Th2 cytokines in women with recurrent spontaneous abortion, implantation failures after IVF/ET or normal pregnancies. <i>Am. J. Reprod. Immunol.</i> 2002; 48:77-86.
	Piccinni MP, Giudizi MG, Biagiotti R, et al. Progesterone favors the development of human T helper cells producing Th2-type cytokines and promotes both IL-4 production and membrane CD30 expression in established Th1 cell clones. <i>J. Immunol.</i> 1995; 155:128-33.
	Raghupathy R, Makhseed M, Azizieh F, Hassan N, Al-Azemi M, Al-Shamali E. Maternal Th1- and Th2-type reactivity to placental antigens in normal human pregnancy and unexplained recurrent spontaneous abortions. <i>Cell Immunol.</i> 1999; 196(2):122-30.
	Raghupathy R, Makhseed M, Azizieh F, Omu A, Gupta M, Farhat R. Cytokine production by maternal lymphocytes during normal human pregnancy and in unexplained recurrent spontaneous abortion. <i>Hum. Reprod.</i> 2000; 15:713-18.
	Reznikoff-Etievant MF, Durieux I, Lobet R, et al. Immunologic abortion and its treatment by immunotherapy. <i>Rev. Fr. Transfus. Immunohematol.</i> 1986; 29:135-48.
	Romagnani P, Annunziano F, Piccinni M, Maggi E, Romagnani S. Th1 Th2 cells, their associated molecules and role in pathophysiology. <i>Eur. Cytokine Netw.</i> 2000; 11:510-11.
	Romagnani S. The Th1/Th2 paradigm. <i>Immunol. Today</i> 1997; 18:263-66.
	Savion S, Lepsky E, Orenstein H, Carp H, Shepshelovich J, Torchinsky A, Fein A, Toder V. Apoptosis in the uterus of mice with pregnancy loss. <i>Am. J. Reprod. Immunol.</i> 2002; 47(2):118-27.
	Savion S, Zeldich E, Orenstein H, Shepshelovich J, Torchinsky A, Carp H, Toder V, and Fein A. Cytokine expression in the uterus of mice with pregnancy loss: effect of maternal immunopotential with GM-CSF. <i>Reproduction</i> 2002; 123(3):399-409.
	Sparwasser T, Koch EA, Vabulas RM, Heeg K, Lipford GB, Ellwart JW, Wagner H. Bacterial DNA and immunostimulatory CpG oligonucleotides trigger maturation and activation of murine dendritic cells. <i>Eur. J. Immunol.</i> 1998; 28(6):2045-54.
	Yui J, Garcia-Lloret M, Wegmann TG, and Guilbert LJ. Cytotoxicity of tumour necrosis factor-alpha (TNF- α) and gamma-interferon (IFN- γ) against primary human placental trophoblasts. <i>Placenta</i> 1994; 15(8):819-35.

Examiner:	Date Considered:
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	